CLAIMS

1. A joint boot comprising:
a boot body including a large-diameter attachment part to be attached to an outer housing of an outer contour having a plurality of recessed portions in the circumferential direction thereof, a small-diameter attachment part to be attached to a shaft, and a bellows part integrally linking both; and
a bushing interposed between said outer housing and the large-diameter attachment part, the bushing assuming, on its outer peripheral surface to which the large-diameter attachment part is externally fitted, a circular form in cross-section and being provided, on its inner peripheral surface on which the outer housing is externally fitted and fixed, with a plurality of lobe portions mating with said recessed portions in a circumferentially distributed manner;
wherein the bushing is provided on the inner peripheral surface with protrusions mating with grooves extending circumferentially formed on an outer peripheral surface of the outer housing; the protrusions are disposed in a position deviating from an external fitting area by the large-diameter attachment part in the axial direction of the bushing.

2. The joint boot as set forth in claim 1, which is characterized in that the protrusions are disposed in a position deviating on the opposite side to the bellows part from said external fitting area.

3. A joint boot as set forth in claim 2, wherein the bushing is formed in its outer peripheral area with an upset part capable of stopping an edge face of the large-diameter attachment part in the axial direction, and the protrusions are disposed on the inner peripheral surface of the bushing at the upset part.

4. The joint boot as set forth in claim 3, which is characterized in
that the bushing is provided, over the whole circumference at the inner peripheral surface thereof, with a faying inner peripheral portion of a smaller diameter than the outer housing so that the bushing can be externally fitted and fayed to the outer housing,
and concurrently, the bushing is provided, over the whole circumference of the inner peripheral surface located at the one end of the bushing opposite to the bellows part, with an upset inner peripheral portion assuming a straight hole form of a larger diameter than the outer housing and guiding the outer housing when externally fitting the bushing to the outer housing; and
the protrusions are disposed between the faying inner peripheral portion and the upset inner peripheral portion.

5. The joint boot as set forth in claim 1, which is characterized in that the protrusions are disposed in a position deviating on the bellows part side from the external fitting area.

6. The joint boot as set forth in claim 5, which is characterized in

that the large-diameter attachment part is provided, on the outer peripheral surface thereof, with a circumferentially extending recessed portion for fixation for receiving a clamping member; and an inner peripheral area of the large-diameter attachment part located on the bellows part side from said recessed portion for fixation surrounds the outer peripheral surface of the bushing at a clearance gap, and the protrusions are disposed at the inner peripheral surface of the bushing within an axial range of the clearance gap.

7. The joint boot as set forth in claim 1, which is characterized in that the protrusions are provided only at the arc-like wall portions located between the circumferentially mutually adjacent lobe portions.

8. The joint boot as set forth in claim 1, which is characterized in that the bushing is formed from a softer material than the boot body.

9. The joint boot as set forth in claim 1, which is characterized in that the lobe portions of the bushing comprise each an inner wall portion jutting radially inwardly in a curved form, an outer wall portion constituting part of the outer peripheral surface of the bushing, a radially extending central strut wall connecting the inner wall portion and the outer wall portion in the middles of them relative to the circumferential direction, and lateral strut walls on both sides of the central strut wall, whereby four relief holes are juxtaposed in the lobe portion in the circumferential direction.

10. The joint boot as set forth in claim 9, which is characterized in that the lateral strut walls slant in a manner such that as they extend outwards, they approach the central strut wall.